

Certificate of Analysis

Date of Testing: 2022-05-13 17:40:12
Date of Next Testing: 2026-05-12 17:40:12
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: reagent grade
Lot #: E2207108
SKU #: **G116300**
Analysis: **090719**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Ignition Residue (as sulfate) | 0-0.05 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-0.0005 (%) | 0.00 % |
| Chloride (Cl-) | 0-0.002 (%) | 0.00 % |
| Specific Rotation [α] ₂₀ /D | 52.5-53 (°) | 52.52° |
| Loss on drying | 0-2 (%) | 0.01 % |
| Iron(Fe) | 0-0.0005 (%) | 0.00 % |
| Calcium(Ca) | 0-0.002 (%) | 0.00 % |
| Sulfate(SO ₄ ²⁻) | 0-0.004 (%) | 0.00 % |
| Appearance (G116300) | White powder | White powder |
| Acidity | pass | Pass % |
| Dextrin | Pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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